

REMARKS/ARGUMENTS

Claims 1-7 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Laabs et al.

Applicants' invention provides a method for allowing electric sprayers to operate efficiently in such a way that performance is slightly reduced while maintaining spraying in the event the motor should reach an elevated temperature. Applicants' invention as defined in claim 1 allows the unit to continue spraying but at a controlled reduced pressure level which will reduce the temperature of the motor. There is no suggestion in any of the cited references of record to this controlled pressure stepdown (to a non-zero level) in response to attainment of a predetermined temperature to allow continued spraying at a consistent pressure.

Laabs shows a pressure washer which monitors the pressure of the water being pumped (col. 4, lines 26 et seq) not the temperature of the electric motors as claimed. Laabs' concern is with the temperature of the pump (col. 4, lines 28-30) not the motor. Shutting off the motor in response to an over-temperature condition is not on-off control (deadband control is another art-recognized name for the same control scheme) as claimed. Laabs will not continue to spray continuously as claimed while under off-off control but will at best dribble out a stream as the pressure is relieved. Thus, the specific limitations of monitoring the temperature of the electric motor and continuing to continuously spray at a reduced non-zero pressure are nowhere shown nor suggested in Laabs or any of the other references of record. Also, claim 3 calls for the sprayer to continue spraying at the user-selected pressure. Once Laabs has shut off the motor due to excessive fluid temperature, the pressure will quickly go to zero as the residual pressure bleeds off.

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Further the specific limitations of claims 2, 4, 6 and 7 are nowhere shown in the references of record nor even addressed in the Office Action.

Accordingly, it is respectfully submitted that the application as amended patentably distinguishes over the rejection of record

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

/dbf/

Douglas B. Farrow
Registration No. 28582
Graco Inc.
PO Box 1441
Minneapolis, MN 55440
(612) 623-6769
pto@graco.com